

What is claimed is:

1. A liquid filling method for filling a liquid into a desired location using a discharge head having a cavity for storing a liquid, a nozzle communicated with the cavity, and a
5 discharge device for discharging liquid stored in the cavity through the nozzle, the liquid filling method comprising the steps of:

contacting the nozzle of the discharge head with a liquid prepared in advance,
drawing the liquid through the nozzle, and storing the drawn liquid in the cavity; and
discharging liquid stored in the cavity using the discharge device.

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2. A liquid filling method according to claim 1, wherein the liquid and the nozzle of the discharge head are contacted by dipping the discharge head into the liquid.

3. A liquid filling method according to claim 1, wherein the liquid and the nozzle of the
15 discharge head are contacted by facing the surface in which the nozzle of the discharge head is formed upwardly, and arranging the liquid so as to cover the entire nozzle.

4. A liquid filling method according to claim 1, wherein the liquid and the nozzle of the discharge head are contacted by facing the surface in which the nozzle of the discharge
20 head is formed downwardly, and supplying the liquid to the nozzle by a dispenser from below the surface.

5. A liquid filling apparatus comprising:

a discharge head having a cavity for storing liquid, a nozzle communicated with
25 the cavity, and a discharge device for discharging liquid stored in the cavity through the

nozzle;

a liquid supply section which supplies the liquid to the nozzle of the discharge head by contacting the liquid with the nozzle; and

a suction device connected to a cavity side of the discharge head, which draws
5 liquid supplied from the liquid supply section to inside the cavity, by suction from the nozzle via the cavity.

6. A liquid filling apparatus according to claim 5, wherein the discharge head has a reservoir which stores liquid on a side of the cavity opposite the nozzle, and an opening
10 and closing valve is provided between the cavity and the reservoir for opening and closing a channel therebetween.

7. A liquid filling apparatus according to claim 5, wherein the discharge head has a reservoir which stores liquid on a side of the cavity opposite the nozzle, and the reservoir
15 has a pressurizing device for pressurizing the cavity.

8. A discharge apparatus comprising:

the liquid filling apparatus according to claim 5; and

a moving mechanism for moving the discharge head of the liquid filling
20 apparatus.